

TERTIARY AND VOCATIONAL EDUCATION COMMISSION

COMMON WRITTEN EXAMINATION – 2022

Cosmetology

NVQ Level 6 Semester II Examination

Chemical Services on Hair - 093C001M23



- Answer any 05 questions.

Time: 3 Hours

Total Marks: 100

Q01.

- A. What is the importance of cortex of hair fiber in chemical services. (04 marks)
 - B. Briefly explain how does natural color of hair fiber result. (06 marks)
 - C. What is the reason for the generation of white/gray hair on human scalp (05 marks)
 - D. Hydrogen peroxide is one of the most commonly used lightening agents. The peroxide is used in an alkaline solution in lightening process. Briefly explain the reason. (05 marks)
- (20 marks)**

Q02.

- A. What is hair porosity and briefly explain the effect of hair porosity in hair coloring (06 marks)
 - B. How do you determine the porosity of hair fibers. (05 marks)
 - C. Briefly explain the importance of Material Safety Data Sheet (MSDS) in hair coloring. (04 marks)
 - D. State the procedure for the preparation of a client for hair coloring service. (05 marks)
- (20 mark)**

Q03.

- A. What is the bond of the cortex which gives the strength to the hair fibers? Describe how does this bond strengthen the hair fibers. (06 marks)
 - B. Write down a chemical compound which is commonly used as perm salt in perming. Briefly explain the chemical action of mentioned compound on hair fibers. (06 marks)
 - C. If you use too much of perm salt, or if the reaction is left for too long than recommended by the manufacturer, what would be the result? (04 marks)
 - D. Perming process releases a bad smell. Briefly explain the reason. (04 marks)
- (20 marks)**

Q04.

- A. What is the use of rollers in permanent wave technique? (04 marks)
 - B. Write down a chemical compound which is commonly used as the neutralizer. Briefly explain the chemical action of mentioned compound on hair fibers. (08 marks)
 - C. Discuss the difference between permed hair and re-bonded hair. (04 marks)
 - D. Write down three safety precautions should be followed in permanent wave process. (04 marks)
- (20 marks)**

Q05.

- A. What is ammonia free waves (04 marks)
 - B. You can get a perm without the awful smell using acid perms. Briefly explain this statement. (06 marks)
 - C. If your hair is color-treated, perming the hair can result in lightening of the color. Briefly explain the reason. (05 marks)
 - D. Write down five post care treatments for permed hair. (05 marks)
- (20 marks)**

Q06.

- A. What is the common vegetable dye that is not always encouraged for use in a salon due to interference with other chemicals (02 marks)
 - B. Write down five safety measures for chemical services on hair. (10 marks)
 - C. What is a reverse perm? (04 marks)
 - D. Briefly explain the draw backs associated with perming of hair. (04 marks)
- (20 marks)**